Analog Connections

Inputs	Active Balanced	ANI22-XLR	(2) XLR connector
		ANI22-BLOCK	(2) 6-pin block connector
Outputs	Impedance Balanced	ANI22-XLR	(2) XLR connector
		ANI22-BLOCK	(2) 3-pin block connector

Network Connections (Dante Digital Audio)
(1) RJ45

Channel Count: 2 Inputs, 2 Outputs

Polarity
Non-inverting, any input to any output

Power Requirements
Power over Ethernet (PoE), Class 0. (PoE Plus compatible).

Power Consumption
11W, maximum

Weight
672 g (1.5 lbs)

Dimensions
H x W x D

4 x 14 x 12.8 cm (1.6 x 5.5 x 5.0 in.)

Control Application
HTML5 Browser-based

Operating Temperature Range
–6.7°C (20°F) to 40°C (104°F)

Storage Temperature Range
–29°C (-20°F) to 74°C (165°F)

Thermal Power Dissipation

Maximum	12.1 W (41.3 BTU/hr)
typical	9.8 W (33.7 BTU/hr)

Audio

Frequency Response
±1 dB

20 to 20,000 Hz

Dante Digital Audio

Sampling Rate	48 kHz
Bit Depth	24

Latency

Does not include Dante latency	Analog to Dante	0.35 ms
	Dante to Analog	0.71 ms

Analog Gain Range
Adjustable in 3 dB steps

51 dB

Dynamic Range (Analog-to-Dante)
20 Hz to 20 kHz, A-weighted, typical

113 dB

Equivalent Input Noise
20 Hz to 20 kHz, A-weighted, input terminated with 150Ω

Analog Gain Setting= +0 dB	-93 dBV
Analog Gain Setting= +27 dB	-119 dBV
Analog Gain Setting= +51 dB	-130 dBV

Total Harmonic Distortion
@ 1 kHz, 0 dBV Input, 0 dB analog gain

<0.05%

Common Mode Rejection Ratio
150Ω balanced source @ 1 kHz

>70 dB

Input Impedance
5 kΩ

Output Impedance
150 Ω

Input Clipping Level

Analog Gain Setting= +0 dB	+20 dBV
Analog Gain Setting= +27 dB	-7 dBV
Analog Gain Setting= +51 dB	-31 dBV

Analog Output Level

Selectable	Line	0 dB
	Aux	- 20 dB
	Mic	-46 dB

Built-in Digital Signal Processing

Per Channel	Equalizer (4-band Parametric, Dante Channels Only), Mute, Limiter, Gain (140 dB range)
System	Channel Summing

Networking

Cable Requirements
Cat 5e or higher (shielded cable recommended)